

IN THE CLAIMS

1 – 24 (Previously cancelled).

25-33 (Previously withdrawn without prejudice).

34. (Currently amended) An apparatus for treating gas with at least one agent, and then heating the gas to a predetermined temperature if desired, the gas being received into the apparatus from a gas source, the apparatus comprising:

- a) a housing having an inlet and an outlet;
 - i.) a single chamber within said housing having an entry port and an exit port, the entry port for connection to a gas source to receive therefrom a gas stream; said chamber receiving a quantity of a pharmacologic agent to be admixed with and carried by the gas stream, the exit port for removal of the gas stream carrying the admixed agent from the housing.

35. (Previously presented) The apparatus defined in claim 34, and further comprising a container for containing a quantity of an agent, the container in fluid communication with the chamber.

36 – 37 (Previously withdrawn without prejudice).

38. (Previously presented) The apparatus defined in claim 35, wherein the container comprises a port to receive a quantity of an agent.

39. (Previously presented) The apparatus defined in claim 34, and further comprising at least one layer of an absorbent material positioned inside the chamber to retain a quantity of an agent.

40 – 48. (Previously withdrawn without prejudice).

49. (Previously presented) The apparatus defined in claim 34, and further comprising an access tubing connecting said backup or reserve supply container to a charging port that is attached to a lateral extension of said housing.

50. (Previously presented) The apparatus defined in claim 49, wherein the backup or reserve supply container hangs free of the apparatus.

51. (Previously presented) The apparatus defined in claim 49, wherein the backup or reserve supply container is attached to a portion of the apparatus.

52. (Previously presented) The apparatus defined in claim 34, and further comprising humidity sensing means positioned in the chamber in the flow path of the gas stream.

53. (Previously presented) The apparatus defined in claim 52, and further comprising heating means disposed within the chamber for heating the gas.

54. (Previously presented) The apparatus defined in claim 53, and further comprising:

- a) temperature sensing means disposed within the chamber for sensing the temperature of the gas in the chamber; and
- b) control means connected to the temperature sensing means and to the heating means and responsive to the temperature sensing means to control electrical power to the heating means so as to regulate the amount of heat applied by the heating means to the gas within the chamber.

55. (Currently Amended) An apparatus for treating gas with a humidifying solution and at least one agent, and then heating the gas to a predetermined temperature if desired, the gas being received into the apparatus from a gas source, the apparatus comprising:

- a) a housing having an inlet and an outlet;
- b) a single chamber within said housing having an entry port communicating with the inlet of the housing and an exit port communicating with the outlet of the housing, the entry port for connection to a gas source to receive therefrom a gas stream; said chamber receiving a quantity of a humidifying solution and a quantity of the at least one agent to be admixed with and carried by the gas stream; and the exit port for removal of the gas stream carrying the admixed humidifying solution and the at least one agent or agents from the housing,
- c) a backup or reserve supply container for the at least liquid agent and/or humidifying solution in fluid communication with said chamber.

56. (Previously presented) The apparatus defined in claim 55, and further comprising at least one container for containing a quantity of a humidifying solution and a quantity of an agent, the at least one container in fluid communication with the single chamber.

57 – 58 (Previously withdrawn without prejudice).

59. (Previously presented) The apparatus defined in claim 56, wherein the at least one container comprises a port to receive a quantity of a humidifying solution or an agent.

60. (Previously presented) The apparatus defined in claim 55, and further comprising at least one layer of an absorbent material positioned inside the chamber to retain a quantity of an agent.

61 – 69 (Previously withdrawn without prejudice).

70. (Previously presented) The apparatus defined in claim 55, and further comprising an access tubing connecting the backup or reserve supply container to a charging port that is attached to a lateral extension of said housing.

71. (Previously presented) The apparatus defined in claim 55, wherein the backup or reserve supply container hangs free of the apparatus.

72. (Previously presented) The apparatus defined in claim 55, wherein the backup or reserve supply container is attached to a portion of the apparatus.

73. (Previously presented) The apparatus defined in claim 72, and further comprising humidity sensing means positioned in the chamber in the flow path of the gas stream.

74. (Previously presented) The apparatus defined in claim 73, and further comprising heating means disposed within the chamber for heating the gas.

75. (Previously presented) The apparatus defined in claim 74, and further comprising:

- a) temperature sensing means disposed within the chamber for sensing the temperature of the gas in the chamber; and
- b) control means connected to the temperature sensing means and to the heating means and responsive to the temperature sensing means to control electrical power to the heating means so as to regulate the amount of heat applied by the heating means to the gas within the chamber.

76 – 96 (Previously withdrawn without prejudice).

97. (Currently amended) An apparatus for treating gas with at least one pharmacologic agent, and then heating the gas to a predetermined temperature if desired, the gas being received into the apparatus from a gas source, the apparatus comprising:

- a) a housing having an inlet and an outlet;
- i) at least a single chamber within said housing having an entry port and an exit port, the entry port for connection to a gas source to receive therefrom a gas stream; said chamber receiving a quantity of a pharmacologic agent to be admixed with and carried by the gas stream, the exit port for removal of the gas stream carrying the admixed agent from the housing.

98. (Currently amended) The apparatus defined in claim 97, and further comprising a container for containing a quantity of the pharmacologic agent, the container in fluid communication with the chamber.

99. (Currently amended) The apparatus defined in claim 96, wherein said at least one chamber is a single chamber within said housing having an entry port communicating with the inlet of the housing, and an exit port communicating with the outlet of the housing, the entry port for connection to a gas source to receive therefrom a gas stream; said chamber receiving a quantity of humidifying solution and a quantity of the at least one pharmacologic agent to be admixed with and carried by the gas stream; and the exit port for removal of the gas stream carrying the admixed humidifying solution and agent or agents from the housing; and a backup

or reserve supply container for said least one pharmacologic agent and/or humidifying solution in fluid communication with said chamber.

100 (Previously withdrawn without prejudice).